Application No. 10/589,274 Paper Dated: April 5, 2010

Attorney Docket No. 1455-062312

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/589,274 Confirmation No. : 5731

Applicants : Jin Ho SONG et al.

Filed: February 7, 2005

Title : Passive Cooling and Arresting Device for Molten Core

Material

Group Art Unit : 3663

Examiner : Ricardo J. PALABRICA

Customer No. : 28289

Mail Stop RCE Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

## AMENDMENT ACCOMPANYING AN RCE

Sir:

In response to the Final Office Action dated January 5, 2010, Applicants submit the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

**Amendments to the Drawings** begin on page 5 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks begin on page 6 of this paper.

I hereby certify that this correspondence is being electronically submitted to the United States Patent and Trademark Office on April 5,

2010.

04/05/2010 Date

Signature

Lisa A.Miller

Typed Name of Person Signing Certificate

Page 1 of 9